

16328
PATENT

Customer No. 22,852

Attorney Docket No. 06999.0009-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Austin SMITH et al.

Serial No.: 09/686,880

Filed: October 12, 2000

For: LINEAGE SPECIFIC CELLS
AND PROGENITOR CELLS

Group Art Unit: 1632

Examiner: Shin Lin Chen

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited
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on May 12, 2003 and is addressed to the Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
Rachel VenturiCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

Enclosed is a reply to the Office Action of December 12, 2002. The item(s) checked below are appropriate:

- ☒ Applicants hereby petition for a 2 month extension of time to respond to the above Office Action.

The claims are calculated below:

	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	Additional Fee
Total	27	-	25	2	x \$ 18	\$ 36.00
Indep.	1	-	2	0	x \$ 84	0.00
<input type="checkbox"/> First Presentation of Multiple Dep. Claim(s)					+\$280	0.00
Subtotal						\$ 36.00
Reduction by ½ if small entity						- 0.00
TOTAL						\$ 36.00

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Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Dated: May 12, 2003

By:

Leslie A. McDonell
Reg. No. 34,872



#23
5/11/03

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MAY 16 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TECH CENTER 1600/2900

Sir:

SUPPLEMENTAL RESPONSE

Further to the Amendment and Response filed on May 12, 2003, Applicants
enclose the following references:

Lee et al., "Gli1 is a target of Sonic hedgehog that induces ventral neural tube
development," *Development*, 124: 2537-2552 (1997);

Morgan and Sargent, "The role in neural patterning of translation initiation factor
eIF4AII; induction of neural fold genes," *Development*, 124: 2751-2760 (1997);

Lamb and Harland, "Fibroblast growth factor is a direct neural inducer, which
combined with noggin generates anterior-posterior neural pattern," *Development*, 121:
3627-3636 (1995);

Mizuseki et al., "*Xenopus* Zic-related-1 and Sox-2, two factors induced by
chordin, have distinct activities in the initiation of neural induction," *Development*, 125:
579-587 (1998);

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Pattyn et al. "Expression and interactions of the two closely related homeobox genes *Phox2a* and *Phox2b* during neurogenesis," *Development*, 124: 4065-4075 (1997);

Morin et al., "Defects in Sensory and Autonomic Ganglia and Absence of Locus Coeruleus in Mice Deficient for the Homeobox Gene *Phox2a*," *Neuron*, 18:411-423 (1997);

Blass-Kampmann et al., "In vitro differentiation of neural progenitor cells from prenatal rat brain: Common cell surface glycoprotein on three glial cell subsets," *Journal of Neuroscience Research*, 48(2): 95-111 (1997) (Abstract only).

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: May 14, 2003

By: 

Leslie A. McDonell
Reg. No. 34,872

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